

INTERNATIONAL SEARCH REPORT

International application No.
PCT/AU2004/000962

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: C12N 001/20//C12R 001:07, A01N 063/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
SEE ELECTRONIC DATABASE FIELD BELOW

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
SEE ELECTRONIC DATABASE FIELD BELOW

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
GenBank, EMBL; DGene: SEQ ID NO. 1

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EMBL Ac. No. AB017591 Kirm, J. K. 15 March 1999 Compared to SEQ ID NO 1= 99.86%	1, 2, 4 to 6
X	WO 1999/032651 A1 (BCM DEV INC) 01 July 1999 (1999-07-01) Figure 8F Compared to SEQ ID NO 1= 99%	1, 2, 4 to 6
X	WO 1999/028441 A1 (EISAI CO LTD) 10 June 1999 (1999-06-10) Abstract – drawing 1/2 – 2/2 Compared to SEQ ID NO 1= 99%	1, 2, 4 to 6

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 27 August 2004	Date of mailing of the international search report - 3 SEP 2004
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929	Authorized officer ALISTAIR BESTOW Telephone No : (02) 6283 2450

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DGENE DATABASE Ac. No.ABK10958 Koo BS et al 06 Jun 2002, and [KR 1999/079916 A (RURAL DEV ADMINISTRATION) 11 May 1999 (1999-05-11)] Compared to SEQ ID NO 1= 99% _____	1, 2, 4 to 9

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000962

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member				
WO 1999/028441	A1	06-10-1999	AU	12631/99	A	16-06-1999	
			JP	11285378	A	19-10-1999	
WO 1999/032651	A1	01-07-1999	AU	1656399	A	07-12-1999	
			US	6030818	A	29-02-2000	
KR 1999/079916	A	11-05-1999		NOT AVAILABLE			

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

International application No.
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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - a sequence listing
 - table(s) related to the sequence listing
 - b. format of material
 - in written format
 - in computer readable form
 - c. time of filing/furnishing
 - contained in the international application as filed
 - filed together with the international application in computer readable form
 - furnished subsequently to this Authority for the purposes of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.

because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 2, 3 and 5 partially searched.

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

Claims 2, 3 and 5 were partially searched to the extent that they comprise SEQ ID NO 1.

3. Claims Nos.:

because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet).

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.